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0106

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RAW SEQUENCE LISTING DATE: 01/17/2003
PATENT APPLICATION: **US/09/974,760B** TIME: 10:59:01

Input Set : **A:\14184-009001.txt**
Output Set: **N:\CRF4\01172003\I974760B.raw**

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     4 <110> APPLICANT: Roberts, Shannon
     5       Sherman, Amir
     6       Trueheart, Joshua
     7       Milne, G. Todd
     9 <120> TITLE OF INVENTION: LOVE VARIANT REGULATOR MOLECULES
    11 <130> FILE REFERENCE: 14184-009001
    13 <140> CURRENT APPLICATION NUMBER: US 09/974,760B
C--> 14 <141> CURRENT FILING DATE: 2002-12-30
    16 <160> NUMBER OF SEQ ID NOS: 92
    18 <170> SOFTWARE: FastSEQ for Windows Version 4.0
    20 <210> SEQ ID NO: 1
    21 <211> LENGTH: 46
    22 <212> TYPE: DNA
    23 <213> ORGANISM: Artificial Sequence
    25 <220> FEATURE:
    26 <223> OTHER INFORMATION: primer
    28 <400> SEQUENCE: 1
    29 ggccatggag gccgctagct cgagtcgacg gcctaggtgg ccagct                46
    31 <210> SEQ ID NO: 2
    32 <211> LENGTH: 46
    33 <212> TYPE: DNA
    34 <213> ORGANISM: Artificial Sequence
    36 <220> FEATURE:
    37 <223> OTHER INFORMATION: primer
    39 <400> SEQUENCE: 2
    40 ggccacctag gccgtcgact cgagctagcg gcctccatgg ccgtac                46
    42 <210> SEQ ID NO: 3
    43 <211> LENGTH: 33
    44 <212> TYPE: DNA
    45 <213> ORGANISM: Artificial Sequence
    47 <220> FEATURE:
    48 <223> OTHER INFORMATION: primer
    50 <400> SEQUENCE: 3
    51 ggcggccgct ctagaactag tctcgagggt acc                            33
    53 <210> SEQ ID NO: 4
    54 <211> LENGTH: 33
    55 <212> TYPE: DNA
    56 <213> ORGANISM: Artificial Sequence
    58 <220> FEATURE:
    59 <223> OTHER INFORMATION: primer
    61 <400> SEQUENCE: 4
    62 ggtaccctcg agactagttc tagagcggcc gcc                            33
    64 <210> SEQ ID NO: 5
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RAW SEQUENCE LISTING DATE: 01/17/2003
PATENT APPLICATION: **US/09/974,760B** TIME: 10:59:01

Input Set : **A:\14184-009001.txt**
Output Set: **N:\CRF4\01172003\I974760B.raw**

65 <211> LENGTH: 31
66 <212> TYPE: DNA
67 <213> ORGANISM: Artificial Sequence
69 <220> FEATURE:
70 <223> OTHER INFORMATION: primer
72 <400> SEQUENCE: 5
73 cacagcggcc gctcaacctt cccattgggg c 31
75 <210> SEQ ID NO: 6
76 <211> LENGTH: 27
77 <212> TYPE: DNA
78 <213> ORGANISM: Artificial Sequence
80 <220> FEATURE:
81 <223> OTHER INFORMATION: primer
83 <400> SEQUENCE: 6
84 caccactagt acgcgggctg attcgac 27
86 <210> SEQ ID NO: 7
87 <211> LENGTH: 33
88 <212> TYPE: DNA
89 <213> ORGANISM: Artificial Sequence
91 <220> FEATURE:
92 <223> OTHER INFORMATION: primer
94 <400> SEQUENCE: 7
95 caccactagt tatacattat ataaagtaat gtg 33
97 <210> SEQ ID NO: 8
98 <211> LENGTH: 32
99 <212> TYPE: DNA
100 <213> ORGANISM: Artificial Sequence
102 <220> FEATURE:
103 <223> OTHER INFORMATION: primer
105 <400> SEQUENCE: 8
106 cacaggatcc gtcatctttg ccttcgttta tc 32
108 <210> SEQ ID NO: 9
109 <211> LENGTH: 31
110 <212> TYPE: DNA
111 <213> ORGANISM: Artificial Sequence
113 <220> FEATURE:
114 <223> OTHER INFORMATION: primer
116 <400> SEQUENCE: 9
117 cgcggatcct attgaacaag atggattgca c 31
119 <210> SEQ ID NO: 10
120 <211> LENGTH: 28
121 <212> TYPE: DNA
122 <213> ORGANISM: Artificial Sequence
124 <220> FEATURE:
125 <223> OTHER INFORMATION: primer
127 <400> SEQUENCE: 10
128 ccggaattca gaagaactcg tcaagaag 28
130 <210> SEQ ID NO: 11
131 <211> LENGTH: 40

RAW SEQUENCE LISTING DATE: 01/17/2003
PATENT APPLICATION: **US/09/974,760B** TIME: 10:59:01

Input Set : **A:\14184-009001.txt**
Output Set: **N:\CRF4\01172003\I974760B.raw**

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132 <212> TYPE: DNA
133 <213> ORGANISM: Artificial Sequence
135 <220> FEATURE:
136 <223> OTHER INFORMATION: primer
138 <400> SEQUENCE: 11
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141 <210> SEQ ID NO: 12
142 <211> LENGTH: 35
143 <212> TYPE: DNA
144 <213> ORGANISM: Artificial Sequence
146 <220> FEATURE:
147 <223> OTHER INFORMATION: primer
149 <400> SEQUENCE: 12
150 acaagaaagc tgggttcatg gaggaatatt gttga                               35
152 <210> SEQ ID NO: 13
153 <211> LENGTH: 28
154 <212> TYPE: DNA
155 <213> ORGANISM: Artificial Sequence
157 <220> FEATURE:
158 <223> OTHER INFORMATION: primer
160 <400> SEQUENCE: 13
161 ggggatccaa tcgaggtcca cgaccagt                                       28
163 <210> SEQ ID NO: 14
164 <211> LENGTH: 29
165 <212> TYPE: DNA
166 <213> ORGANISM: Artificial Sequence
168 <220> FEATURE:
169 <223> OTHER INFORMATION: primer
171 <400> SEQUENCE: 14
172 ggggacaagt ttgtacaaaa aagcaggct                                      29
174 <210> SEQ ID NO: 15
175 <211> LENGTH: 28
176 <212> TYPE: DNA
177 <213> ORGANISM: Artificial Sequence
179 <220> FEATURE:
180 <223> OTHER INFORMATION: primer
182 <400> SEQUENCE: 15
183 ggggatccgc caatggtccc gttcaaac                                       28
185 <210> SEQ ID NO: 16
186 <211> LENGTH: 35
187 <212> TYPE: DNA
188 <213> ORGANISM: Artificial Sequence
190 <220> FEATURE:
191 <223> OTHER INFORMATION: primer
193 <400> SEQUENCE: 16
194 acaagaaagc tgggttcaca gaatgtttag ctcaa                               35
196 <210> SEQ ID NO: 17
197 <211> LENGTH: 29
198 <212> TYPE: DNA
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RAW SEQUENCE LISTING DATE: 01/17/2003
PATENT APPLICATION: **US/09/974,760B** TIME: 10:59:01

Input Set : **A:\14184-009001.txt**
Output Set: **N:\CRF4\01172003\I974760B.raw**

199 <213> ORGANISM: Artificial Sequence
201 <220> FEATURE:
202 <223> OTHER INFORMATION: primer
204 <400> SEQUENCE: 17
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207 <210> SEQ ID NO: 18
208 <211> LENGTH: 35
209 <212> TYPE: DNA
210 <213> ORGANISM: Artificial Sequence
212 <220> FEATURE:
213 <223> OTHER INFORMATION: primer
215 <400> SEQUENCE: 18
216 gcgatgcccc aagcgcaagc tacgccaatc caggg 35
218 <210> SEQ ID NO: 19
219 <211> LENGTH: 35
220 <212> TYPE: DNA
221 <213> ORGANISM: Artificial Sequence
223 <220> FEATURE:
224 <223> OTHER INFORMATION: primer
226 <400> SEQUENCE: 19
227 cgtcgcgcca ttcgccattc aggctgcgca actgt 35
229 <210> SEQ ID NO: 20
230 <211> LENGTH: 31
231 <212> TYPE: DNA
232 <213> ORGANISM: Artificial Sequence
234 <220> FEATURE:
235 <223> OTHER INFORMATION: primer
237 <400> SEQUENCE: 20
238 ggacctttgc agcataaatt actatacttc t 31
240 <210> SEQ ID NO: 21
241 <211> LENGTH: 35
242 <212> TYPE: DNA
243 <213> ORGANISM: Artificial Sequence
245 <220> FEATURE:
246 <223> OTHER INFORMATION: primer
248 <400> SEQUENCE: 21
249 ggcgcgtcca ttcgccattc aggctgcgca actgt 35
251 <210> SEQ ID NO: 22
252 <211> LENGTH: 31
253 <212> TYPE: DNA
254 <213> ORGANISM: Artificial Sequence
256 <220> FEATURE:
257 <223> OTHER INFORMATION: primer
259 <400> SEQUENCE: 22
260 taaaactctt gttttcttct tttctctaaa t 31
262 <210> SEQ ID NO: 23
263 <211> LENGTH: 36
264 <212> TYPE: DNA
265 <213> ORGANISM: Artificial Sequence

RAW SEQUENCE LISTING DATE: 01/17/2003
PATENT APPLICATION: **US/09/974,760B** TIME: 10:59:01

Input Set : **A:\14184-009001.txt**
Output Set: **N:\CRF4\01172003\I974760B.raw**

```
267 <220> FEATURE:
268 <223> OTHER INFORMATION: primer
270 <400> SEQUENCE: 23
271 cagtgagcgc gcgtaatacg actcactata gggcga                              36
273 <210> SEQ ID NO: 24
274 <211> LENGTH: 36
275 <212> TYPE: DNA
276 <213> ORGANISM: Artificial Sequence
278 <220> FEATURE:
279 <223> OTHER INFORMATION: primer
281 <400> SEQUENCE: 24
282 atacttctat agacacacaa acacaaatac acacac                              36
284 <210> SEQ ID NO: 25
285 <211> LENGTH: 23
286 <212> TYPE: DNA
287 <213> ORGANISM: Artificial Sequence
289 <220> FEATURE:
290 <223> OTHER INFORMATION: primer
292 <400> SEQUENCE: 25
293 cgcggatccc gtcgttttac aac                                            23
295 <210> SEQ ID NO: 26
296 <211> LENGTH: 31
297 <212> TYPE: DNA
298 <213> ORGANISM: Artificial Sequence
300 <220> FEATURE:
301 <223> OTHER INFORMATION: primer
303 <400> SEQUENCE: 26
304 cccaagctta ttatttttga caccagacca a                                   31
306 <210> SEQ ID NO: 27
307 <211> LENGTH: 36
308 <212> TYPE: DNA
309 <213> ORGANISM: Artificial Sequence
311 <220> FEATURE:
312 <223> OTHER INFORMATION: primer
314 <400> SEQUENCE: 27
315 ggaagatcta gcatcgtggc caatttcttc tagttt                              36
317 <210> SEQ ID NO: 28
318 <211> LENGTH: 41
319 <212> TYPE: DNA
320 <213> ORGANISM: Artificial Sequence
322 <220> FEATURE:
323 <223> OTHER INFORMATION: primer
325 <400> SEQUENCE: 28
326 ataagaatgc ggccgctcaa ccttcccatt ggggcgtttg c                        41
328 <210> SEQ ID NO: 29
329 <211> LENGTH: 37
330 <212> TYPE: DNA
331 <213> ORGANISM: Artificial Sequence
333 <220> FEATURE:
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VERIFICATION SUMMARY DATE: 01/17/2003
PATENT APPLICATION: **US/09/974,760B** TIME: 10:59:02

Input Set : **A:\14184-009001.txt**
Output Set: **N:\CRF4\01172003\I974760B.raw**

L:14 M:271 C: Current Filing Date differs, Replaced Current Filing Date